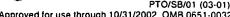
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DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)		Attorney D cke	Attorney D cket Number		AFB00500	
		First Named Inv	rent r	r Mark Ahmadjian		
		CC	COMPLETE IF KNOWN			
		Application Num		/	-	
X Declaration	Declaration	Filing Date				
Submitted OR with Initial	Submitted after Initia Filing (surcharge	Group Art Unit			·	
Filing	(37 CFR 1.16 (e)) required)	Examiner Name	:			
As a below named inventor, I he	reby declare that:					
My residence, mailing address, an	d citizenship are as state	ed below next to my nam	e.			
I believe I am the original, first and	•	•		first and joint invent	or (if plural	
names are listed below) of the sub	ject matter which is clair	med and for which a pate	ent is sought o	on the invention entit	iled:	
·	PLUME DETE	ECTOR				
	(Title of the	he Invention)	 			
the specification of which	the specification of which					
X is attached hereto						
OR						
was filed on (MM/DD/YYYY)		as United St	ates Applicat	ion Number or PCT	International	
					-	
Application Number	and was a	mended on (MM/DD/YY	YY)		(if applicable).	
I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.						
I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation- in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.						
I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.						
Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claims		opy Attached? NO	

[Page 1 of 2]

Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:



PTO/SB/01 (03-01)
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DECLARATION — Utility or Design Patent Application

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Name	Thomas C. Stover .					
Address	ESC/JAZ 40 Wright Str	eet				
City	Hanscom AFB		State	e MA	ZIP 01731-2903	
Country	USA	elephone (781)	377	<u>'</u> –3779	_{Fax} (781) 377-4820	
are believed made are pu	I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.					
NAME OF	SOLE OR FIRST INVENTOR :	A petition h	as be	en filed for this un	signed inventor	
	Given Name (first and middle [if any]) Mark Family Name or Surname Ahmadjian					
Inventor's Signature	Mark Almedia				Date 17 MAY 2001	
Residence: City CAMIBRIOGE State				Country USA	Citizenship US	
Mailing Address AFRL/VSO , 29 RANDOLPH ROAD						
City H/	State MA		ZIP 0/93 /	Country USA		
NAME OF	SECOND INVENTOR:	A petition has	s beer	n filed for this unsig	gned inventor	
Given Name Ernest Ray Family Name Huppi or Surname						
Inv ntor's Emit-Nay Happy 5-17-01 Signature Emit-Nay Happy						
Residence:	city Cancora	State H1/7	c	country USA	Citizenship US	
Mailing Address 30 NANCY ROAD						
City C	city Concords State MA ZIP 01742 Country USA					
X Addition	X Additional inventors are being named on the 1_supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.					

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PTO/SB/02A (11-00)

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DECLARATION

ADDITIONAL INVENTOR(S) Supplemental Sheet Page 3 of 3

		_			
Name of Additional Joint Inventor, if an	y:		A petition has been f	iled for t	this unsigned inventor
Given Name (first and middle [if any])			Family Name or Surname		
Donald R.			Smith		
Inventor's Signature Donald d. Smith					Date 5/17/2001
Residence: City W. NENTON	State /	MA	Country USA		Citizenship USA
Mailing Address AFRL / VSSS 2	9 RAN	IDOLP	H ROAD		
Mailing Address SAME					
City HANSCOM AFB	State /	MA	ZIP 0/73/	Count	ry USA
Name of Additional Joint Inventor, if an	ý:		A petition has been file	ed for th	is unsigned inventor
Given Name (first and middle [if any])	· · ·		Family Name or Surname		
Inventor's Signature					Date
Residence: City	State		Country	_	Citizenship
Mailing Address					
Mailing Address					
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City	State_		ZIP	Cou	untry
Name of Additional Joint Inventor, if ar	ıy:		A petition has been file	d for thi	s unsigned inventor
Given Name (first and middle [if any]) Family Name or Sumame			or Sumame		
Inventor's Signature					Date
Residence: City	State		Country		Citizenship
Mailing Address					
Mailing Address					
City	Stat		ZIP	c	ountry

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PTO/SB/81 (02-01)

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POWER OF ATTORNEY OR AUTHORIZATION OF AGENT

Applicati n Number		
Filing Date		
First Named Inventor	Mark Ahmadjian	
Title	PLUME DETECTOR	
Group Art Unit		
Examiner Name	····	
Attorney Docket Number	AFB 00500	

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OR	Customer Number	$\neg \longrightarrow \lfloor$	Place Customer Number Bar Code Label here		
X Practitioner(s) na	amed below:	_			
		on Number			
THOMAS	C. STOVER	22,531			
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I am the:					
X Applicant/Invento	X Applicant/Inventor.				
Againnes of record of the entire interest. See 27 CER 5.74					
Assignee of record of the entire interest. See 37 CFR 3.71. Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).					
SIGNATURE of Applicant or Assignee of Record					
Name Marl	Name Mark Ahmadjian				
Signature M	Signature Mark Almosian				
Date 19	Date 19 May 2001				
NOTE: Signatures of all the inventors or assign es of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, se below*.					
	🛱 *Total offorms are submitted.				



PTO/SB/81 (02-01)

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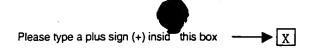
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Application Number		
Filing Date		
First Named Inventor	Mark Ahmadjian	
Title	PLUME DETECTOR	
Group Art Unit		
Examiner Name		
Attorney Docket Number	AFB00500	

I hereby appoint:				
Practitioners at OR	Customer Number	Place Customer Number Bar Code Label here		
X Practitioner(s) na	amed below:			
	Name	Registration Number		
THOMAS	C. STOVER	22,531		
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Telephone	F	ax		
l am the:				
X Applicant/Invent	or.			
Assignee of record of the entire interest. See 37 CFR 3.71.				
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).				
SIGNATURE of Applicant or Assignee of Record				
Name Ernest Ray Huppi				
Signature Ex	C + H + H			
Date 5-17-01				
NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.				





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Application Number		
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First Named Inventor	Mark Ahmadjian	
Title	PLUME DETECTOR	
Group Art Unit		
Examiner Name		
Attorney Docket Number	AFB00500	

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	OR X Practitioner(s) n	amed holow:	Label Here		
	A Practitioner(s) II		Designation Number		
. ==	THOMAS	Name C. STOVER	Registration Number 22,531		
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ı	X Applicant/Invent	ior.			
ı	Assignee of record of the entire interest. See 37 CFR 3.71.				
ı	Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).				
	SIGNATURE of Applicant or Assignee of Record				
	Name Donald R. Smith				
	Signature Ronald R. Smith				
		7/2001			
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ľ	☑ *Total of3 forms are submitted.				